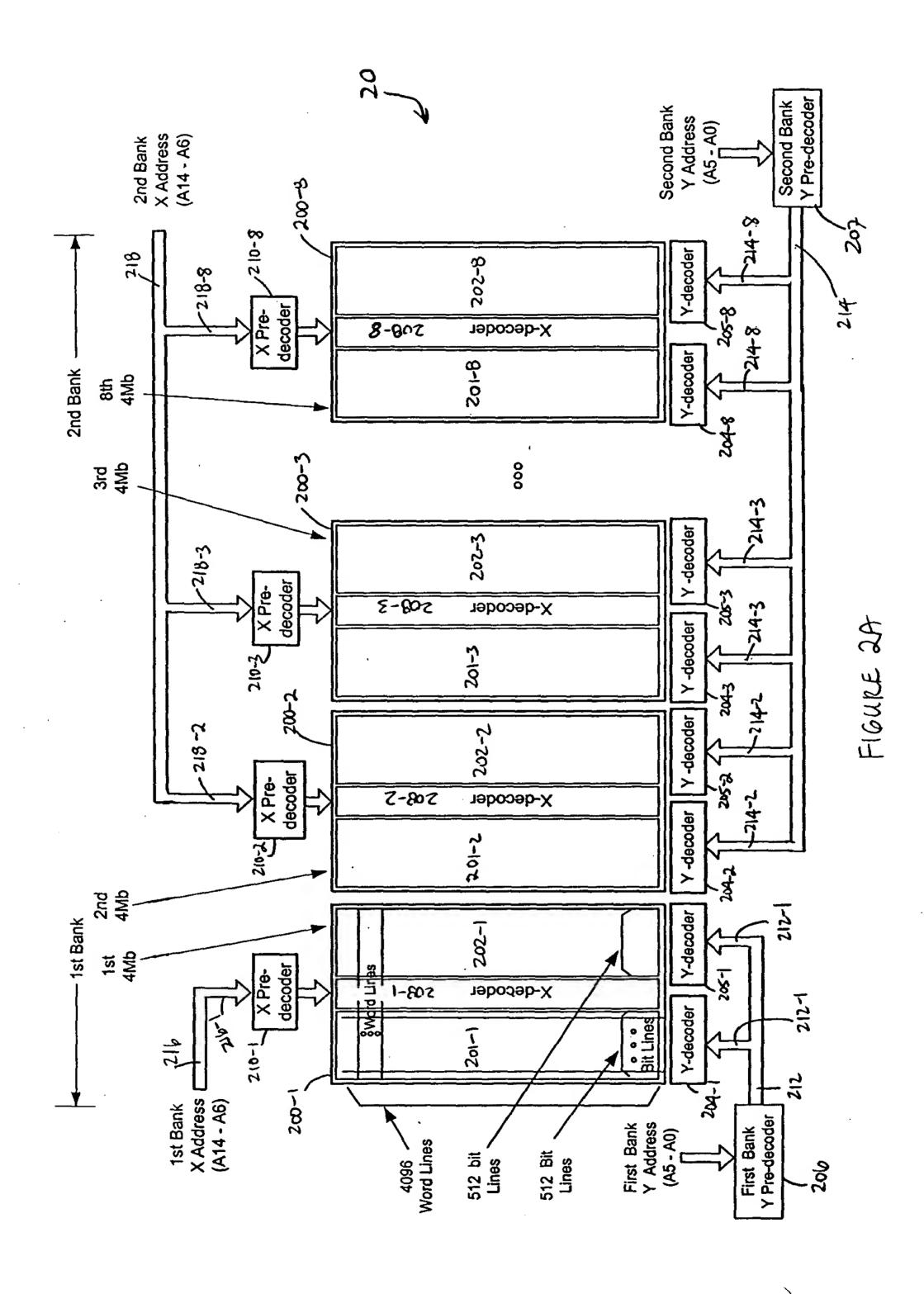


Atty. Docket No.: 020488-001000US
Title: FLASH MEMORY HAVING A FLEXIBLE BANK PARTITION
Sheet 1 of 5

K-1 K-3		0	ARRAY 1	
2k - 1 2k - 2 2k - 3		2k - k	ARRAY 2	
3k - 2 3k - 3	·	3k - k	ARRAY 3	
				4
				•
k(N - 1) - 1 k(N - 1) - 2 k(N - 1) - 3		k(N - 1) - k	ARRAY (N - 1)	

Atty. Docket No.: 020488-001000US
Title: FLASH MEMORY HAVING A FLEXIBLE BANK PARTITION
Sheet 2 of 5



Atty. Docket No.: 020488-001000US

Title: FLASH MEMORY HAVING A FLEXIBLE BANK PARTITION
Sheet 3 of 5

**Unit Sector** (512 Kb)Sector Address Sector Address A20 - A15 = 000010 = 000000 = 000110 = 000100 = 000011 = 000001 = 000111 = 000101 A5=1 8th 4Mb Sector Address A20 - A15 Sector Address A20 - A15 = 000010 = 000000 = 000110 = 000100 = 000101 = 000011 = 000001 = 000111 A5=0 0 0 0 Sector Address A20 - A15 = 110010 A20 - A15 A20 - A15 = 110000 = 110111 = 110110 = 110100 = 110011 = 110001= 110101 A5=1 2nd 4Mb Sector Address A20 - A15 = 110010 A20 - A15 = 110001 = 110000 = 110111 = 110110 = 110101 = 110100 = 110011 A5=0 Sector Address A20 - A15 = 111010 = 111000 = 111110 = 111100 = 111011 = 111001 = 11111 = 111101 1st 4Mb Sector Address = 111110 A20 - A15 A20 - A15 A20 - A15 A20 - A15 = 111000 A20 - A15 A20 - A15 A20 - A15 A20 - A15 = 111010 = 111100 = 111001 = 111011 = 111111 = 111101 A5=0

Atty. Docket No.: 020488-001000US
Title: FLASH MEMORY HAVING A FLEXIBLE BANK PARTITION
Sheet 4 of 5

įmė

Mask	First Bank	Second Bank
Mask #1	4 Mb	28 Mb
Mask #2	8 Mb	24 Mb
Mask #3	12 Mb	20 Mb
Mask #4	16 Mb	16 Mb
Mask #5	20 Mb	12 Mb
Mask #6	24 Mb	8 Mb
Mask #7	28 Mb	4 Mb

FIGURE 3